

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	477652	comb or actuator or carriage or e adj block or swing adj arm or vcm or ((voice or drive or driving) adj2 coil) or ((oscillat\$4 or linear) adj2 motor) or magnetic adj "2" circuit or coil\$1 near3 bobbin or (magnet\$1 near6 yoke\$1) or ((oscillat\$4 or magnetic) adj2 rotor) or ((electro adj magnet\$3 or electromagnet\$3) adj2 (drive or driving)) or g11b021/02.ipc.	FPRS; EPO; JPO; DERWENT	ADJ	OFF	2007/05/03 13:00
L2	35264	magneto-optical\$4 or thermo adj magnetic\$5 or thermomagnetic\$4 or magneto-optical\$3 or magneto-optical\$4 or magneto adj optical or photomagnetic\$5 or photo adj magnetic\$5 or (MO and (disc\$1 or disk\$1))	FPRS; EPO; JPO; DERWENT	ADJ	OFF	2007/05/03 13:12
L3	1256082	optical\$4	FPRS; EPO; JPO; DERWENT	ADJ	OFF	2007/05/03 11:12
L4	214937	(TAMR or TAR or thermomagnetic\$5 or thermo adj magnetic\$4 or (thermal near2 assist\$5) or HAMR or (heat near2 assist\$5) or (hybrid near2 record\$3) or (optical\$4 near2 assist\$4)) or "360/59" or g11b011/\$.ipc. or g11b007/\$.ipc.	FPRS; EPO; JPO; DERWENT	ADJ	OFF	2007/05/03 13:13
L5	1323445	2 or 3 or 4	FPRS; EPO; JPO; DERWENT	ADJ	OFF	2007/05/03 11:14
L6	32302	1 and 5	FPRS; EPO; JPO; DERWENT	ADJ	OFF	2007/05/03 11:14
L7	39319	e adj block or swing adj arm or vcm or ((voice or drive or driving) adj2 coil) or g11b021/02.ipc.	FPRS; EPO; JPO; DERWENT	ADJ	OFF	2007/05/03 13:15

## EAST Search History

L8	358566	(support adj arm or head adj support or supporter or load adj beam or spring adj arm or HGA or HSA or FSA or HAA or suspension or load\$3 adj arm or jimbale or gimbal or flexure or g11b005/48.ipc. or g11b005/49.ipc. or g11b005/54.ipc. or g11b005/55.ipc. or g11b005/58.ipc. or g11b005/596.ipc. or g11b005/60.ipc. or g11b021/16.ipc. or g11b021/20.ipc. or g11b021/21.ipc. ) or "g11b005/48" or "g11b005/49" or "g11b005/54" or "g11b005/55" or "g11b005/58" or "g11b005/596" or "g11b005/60" or "g11b021/16" or "g11b021/20" or "g11b021/21" or "g11b05/48" or "g11b05/49" or "g11b05/54" or "g11b05/55" or "g11b05/58" or "g11b05/596" or "g11b05/60" or "g11b21/16" or "g11b21/20" or "g11b21/21" or "g11b5/48" or "g11b5/49" or "g11b5/54" or "g11b5/55" or "g11b5/58" or "g11b5/596" or "g11b5/60" or "g11b 21/16" or "g11b 21/20" or "g11b 21/21" or "g11b 5/48" or "g11b 5/49" or "g11b 5/54" or "g11b 5/55" or "g11b 5/58" or "g11b 5/596" or "g11b 5/60"	FPRS; EPO; JPO; DERWENT	ADJ	OFF	2007/05/03 13:12
L9	392800	7 or 8	FPRS; EPO; JPO; DERWENT	ADJ	OFF	2007/05/03 11:17
L10	7337	6 and 9	FPRS; EPO; JPO; DERWENT	ADJ	OFF	2007/05/03 11:17
L11	178372	focus\$3	FPRS; EPO; JPO; DERWENT	ADJ	OFF	2007/05/03 11:17
L12	1289	10 and 11	FPRS; EPO; JPO; DERWENT	ADJ	OFF	2007/05/03 11:17
L13	1515577	magnet\$4 or ferromagnetic\$4 or yoke\$1 or core\$1	FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/05/03 11:18
L14	675	12 and 13	FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/05/03 11:18
L15	1	"58122630".pn.	FPRS; EPO; JPO; DERWENT	ADJ	OFF	2007/05/03 13:05

## EAST Search History

L16	1	"01158625".pn.	FPRS; EPO; JPO; DERWENT	ADJ	OFF	2007/05/03 13:06
L17	1	"4669073".pn.	US-PGPUB; USPAT	ADJ	OFF	2007/05/03 13:07
L18	2	ep-400570-\$.did.	FPRS; EPO; JPO; DERWENT	ADJ	OFF	2007/05/03 13:07
L19	102430	(support adj arm head adj support or supporter or load adj beam or spring adj arm or HGA or HSA or FSA or HAA or suspension or load\$3 adj arm or jimbai or gimbal or flexure).ti,ab,clm. or "g11b005/48" or "g11b005/49" or "g11b005/54" or "g11b005/55" or "g11b005/58" or "g11b005/596" or "g11b005/60" or "g11b021/16" or "g11b021/20" or "g11b021/21" or "g11b05/48" or "g11b05/49" or "g11b05/54" or "g11b05/55" or "g11b05/58" or "g11b05/596" or "g11b05/60" or "g11b21/16" or "g11b21/20" or "g11b21/21" or "g11b5/48" or "g11b5/49" or "g11b5/54" or "g11b5/55" or "g11b5/58" or "g11b5/596" or "g11b5/60" or "g11b 21/16" or "g11b 21/20" or "g11b 21/21" or "g11b 5/48" or "g11b 5/49" or "g11b 5/54" or "g11b 5/55" or "g11b 5/58" or "g11b 5/596" or "g11b 5/60"	US-PGPUB; USPAT	ADJ	OFF	2007/05/03 13:12
L20	4696	(magneto-optical\$4 or thermo adj magnetic\$5 or thermomagnetic\$4 or magneto-optical\$3 or magneto-optical\$4 or magneto adj optical or photomagnetic\$5 or photo adj magnetic\$5 or (MO and (disc\$1 or disk\$1))).ti,ab,clm.	US-PGPUB; USPAT	ADJ	OFF	2007/05/03 13:12
L21	29130	((TAMR or TAR or thermomagnetic\$5 or thermo adj magnetic\$4 or (thermal near2 assist\$5) or HAMR or (heat near2 assist\$5) or (hybrid near2 record\$3) or (optical\$4 near2 assist\$4))).ti,ab,clm. or "360/59" or 360/59.ccls. or g11b011/\$.ipc. or g11b007/\$.ipc. or 720/662.ccls.	US-PGPUB; USPAT	ADJ	OFF	2007/05/03 13:15
L22	31664	20 or 21	US-PGPUB; USPAT	ADJ	OFF	2007/05/03 13:15
L23	4696	20 and 22	US-PGPUB; USPAT	ADJ	OFF	2007/05/03 13:15

## EAST Search History

L24	115118	e adj block or swing adj arm or vcm or ((voice or drive or driving) adj2 coil) or ((pivot\$3 or swivel\$5 or rotat\$6 or rotary) near2 (actuator\$1 or carriage or transduc\$ or pickup or pick adj up))	US-PGPUB; USPAT	ADJ	OFF	2007/05/03 13:18
L25	546	23 and 24	US-PGPUB; USPAT	ADJ	OFF	2007/05/03 13:18
L26	209769	magnet or magnets	US-PGPUB; USPAT	ADJ	OFF	2007/05/03 13:18
L27	2145853	laser or beam or light or diode	US-PGPUB; USPAT	ADJ	ON	2007/05/03 13:19
L28	267	25 and 26 and 27	US-PGPUB; USPAT	ADJ	ON	2007/05/03 13:20